

PETROLEUM REPORT INDONESIA
Supplement: 2005



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GLOSSARY

| | |
|------------------|--|
| ADB | Asian Development Bank |
| ADO | Automotive Diesel Oil |
| Avgas | Aviation Gasoline |
| Avtur | Aviation Turbine fuel used by turboprops and jet aircraft. |
| <i>BBM</i> | Fuel Oil |
| BPS | <i>Badan Pusat Statistik</i> (National Statistical Bureau) |
| BCF | Billion Cubic Feet |
| B/D | Barrels per Day |
| BI | Bank Indonesia (Indonesia's central bank) |
| BLC | Bonny Light Crude |
| BOE | Barrels of Oil Equivalent |
| BP | British Petroleum |
| BTU | British Thermal Unit |
| CIF | Cost, Insurance and Freight |
| CNOOC | China National Offshore Oil Company |
| DPK | Dual Purpose Kerosene |
| EIB | European Investment Bank |
| EOR | Enhance Oil Recovery – contract used for established producing fields with the intent of applying advanced technology to increase recovery in reservoirs |
| FO | Furnace Oil |
| FOB | Free on Board |
| GDP | Gross Domestic Product |
| HOMC | High Octane Motor Component |
| HSFO | High Speed Fuel Oil |
| IDO | Industrial Diesel Oil |
| ILC | Iraniia Light Crude |
| JOA/JOB | Joint Operating Area/ Joint Operating Body – joint venture arrangements where the contractor participates as a 50:50 partner with Pertamina |
| JP4/JP5 | Jet Fuel |
| LNG | Liquefied Natural gas |
| LOMC | Low Oil Mogas Component |
| LPG | Liquefied Petroleum Gas |
| LSWR | Low Sulphur Waxy Residue |
| MBTU | Thousand British Thermal Unit |
| MMBTU | Million British Thermal Unit |
| <i>MIGAS</i> | Direktorat of Oil and Gas |
| Mogas | Motor Gasoline |
| MT | Metric Tons |
| On/Off | Onshore/Offshore |
| OPEC | Organization of Petroleum Exporting Countries |
| <i>Pertamina</i> | Indonesia's National Oil Company |
| PGN | <i>Perusahaan Gas Negara</i> (Indonesia's National Gas Company) |
| PSC | Production Sharing Contract – cooperation contract for oil and gas exploration and exploitation between BPMigas and private investors (which can include private foreign and domestic companies as well as PT Pertamina) |
| SPBX | Special Point Boiling X (type of fuel oil) |
| SSWJ | South Sumatra West Java |
| TAC | Technical Assistance Contract - variation of PSC used for established producing areas and therefore covers exploitation only |
| TSCF | Trillions of Cubic Feet |
| WB | World Bank |

APPENDIX 1: KEY ECONOMIC INDICATORS

APPENDIX 1.1: DOMESTIC ECONOMY, TRADE AND INVESTMENT

| | 2001 | 2002 | 2003 | 2004 |
|--|-----------------|-----------------|-----------------|-----------------|
| Population (Mln) | 208 | 211 | 213 | 216 |
| GDP at current prices (Rp Trillion) | 1,684.30 | 1,897.80 | 2,086.80 | 2,303.03 |
| Real GDP growth (%) | 3.4 | 4.3 | 4.5 | 5.1 |
| Avg. Exchange Rate (Rp/\$) | 10,265 | 9,220 | 8,520 | 8,939 |
| GDP (\$Bln) | 141 | 174.7 | 209.7 | 257.64 |
| GDP per capita (\$) | 679 | 829 | 984.5 | 1,181.6 |
| Gov't Spending (as % of GDP) | 20.2 | 20.4 | 18.1 | 18.6 |
| Consumer Price Inflation (%) | 12.6 | 10 | 6 | 6.4 |
| Foreign and Domestic Debts (\$Bln) | 135.6 | 147.6 | 138.2 | 134.9 |
| - Foreign Debts | 71.4 | 74.7 | 81.7 | 77.8 |
| - Domestic Debts | 63.4 | 72.9 | 56.6 | 57.1 |
| Debt to GDP Ratio (%) | 93 | 72 | 58.3 | 53.9 |
| US Economic Aid (\$Mln) | n/a | n/a | n/a | n/a |
| Unemployment (%) | 9 | 10 | 9.5 | 9.7 |
| International Trade (US\$Million) | | | | |
| Exports – Total | 57,365.0 | 59,165.4 | 64,108.9 | 72,164.4 |
| - Growth Rate of Total Exports (%) | -12.3 | 3.1 | 6.8 | 12.6 |
| - Oil and Gas | 12,560.0 | 12,858.2 | 15,233.5 | 17,684.0 |
| - Oil and Gas as % to total | 21.9 | 21.7 | 23.8 | 24.5 |
| - Non-Oil and Gas | 44,805.0 | 44,896.0 | 47,380.4 | 54,482.0 |
| - Major Export Markets | | | | |
| Japan | 13,010.0 | 12,045.0 | 13,603.5 | 15,962.1 |
| USA | 7,749.0 | 7,559.0 | 7,373.7 | 8,767.1 |
| Singapore | 5,364.0 | 5,349.0 | 5,349.1 | 5,997.9 |
| China | 2,200.7 | 2,902.9 | 3,802.5 | 4,604.7 |
| European Union | 7,745.0 | 7,898.0 | 7,956.8 | 8,969,123.4 |
| Growth Rate of Imports from US (%) | -9.4 | -1.3 | -2.5 | 18.9 |
| Imports – Total | 34,668.0 | 35,652.0 | 39,546.9 | 50,615.0 |
| - Growth Rate of Total Imports (%) | 2.6 | 2.8 | 10.9 | 28.0 |
| - Major Country of Origin | | | | |
| Japan | 4,690.0 | 4,409.0 | 4,228.3 | 6,081.6 |
| USA | 3,207.0 | 2,640.0 | 2,694.8 | 3,225.9 |
| Singapore | 3,147.0 | 4,100.0 | 4,155.1 | 6,082.8 |
| China | 1,842.7 | 2,427.4 | 2,957.5 | 4,101.3 |
| European Union | 4,047.0 | 3,576.0 | 3,554.2 | 5,358,992.8 |
| Growth Rate of Imports from US (%) | -5.9 | -18.8 | 2.1 | 19.7 |
| Trade Balance | 22,697.0 | 23,513.4 | 24,562.0 | 21,549.4 |
| Foreign Investment (US\$Mln) (a) | | | | |
| - Japan | 772 | 510 | 1,252.2 | 1,684.7 |
| - UK | 723 | 720 | 966.1 | 1,317.1 |
| - Singapore | 1,141.00 | 3,328.00 | 518.9 | 604.3 |
| - Hong Kong | 40 | 1,712.00 | 169.5 | 20.2 |
| - Taiwan | 72 | 38 | 136.7 | 68.6 |
| - USA | 73 | 468 | 173.5 | 133.2 |
| - Australia | 779 | 232 | 125.4 | 481.2 |
| - S. Korea | 369 | 370 | 122.1 | 402.7 |
| - Malaysia | 2,240.00 | 72 | 155.3 | 481.5 |

APPENDIX 1: KEY ECONOMIC INDICATORS

| | 2001 | 2002 | 2003 | 2004 |
|-----------------------------------|------------------|-----------------|------------------|------------------|
| - Germany | 43 | 36 | 170.8 | 30.1 |
| - Netherlands | 89 | 244 | 99.4 | 258.7 |
| - China | 6,055.00 | 33 | 247.6 | 21.7 |
| - Others | 2,649.00 | 1,981.00 | 9,069.70 | 4,830.30 |
| TOTAL INVESTMENT APPROVALS | 15,045.00 | 9,744.00 | 13,207.20 | 10,334.30 |
| Oil and Gas Investment (b) | 4,202.00 | 3,418.00 | 5,305.00 | 5,558.00 |

Sources: Migas, Bank Indonesia, National Statistical Bureau, State Budget

(a) Figures are investment approval and do not include investment in the oil and gas sector

(b) Petroleum company expenditures

APPENDIX 1.2: GOVERNMENT BUDGET (RP TRILLION)

| | 2001 Budget | 2002 Budget | 2003 Budget | 2004 Budget | 2005 Budget | 2005 Budget-R(a) |
|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------------|
| Total Revenues | 300.6 | 301.9 | 341.1 | 403.7 | 380.4 | 491.6 |
| Tax revenues | 185.5 | 219.3 | 248.5 | 279.2 | 297.8 | 331.8 |
| Non-tax revenues | 100.7 | 82.2 | 94 | 124.5 | 82.5 | 159.8 |
| Natural resources (b) | 85.7 | 63.2 | 67.1 | 92.4 | 50.9 | 121.8 |
| Oil and gas | 66.6 | 58.5 | 61.6 | 87.7 | 47.1 | 116.4 |
| Non-oil and gas | 9.6 | 4.6 | 5.5 | 4.8 | 3.8 | 5.4 |
| Others (c) | 15.0 | 19.0 | 32 | 32.1 | 31.6 | 38.0 |
| Expenditures | 340.3 | 332.5 | 374.8 | 430.0 | 397.8 | 511.9 |
| Central Government | 264.2 | 242.1 | 254.1 | 300.0 | 266.2 | 364.9 |
| Routine | 218.7 | 195 | 189.1 | 228.1 | 206.0 | 286.0 |
| Subsidies (d) | 77.4 | 40 | 43.9 | 69.9 | 31.2 | 96.6 |
| Development (e) | 45.5 | 47.1 | 65.0 | 72.0 | 60.2 | 78.9 |
| Transfer to Region | 76.1 | 90.4 | 120.7 | 130.0 | 131.5 | 147.0 |
| Balance | -39.7 | -30.6 | -33.7 | -26.3 | -17.4 | -20.3 |

Source: Ministry of Finance

Note: 2001 – 2004 figures are from revised budgets each year

(a) 2005 revised budget

(b) Revenues originated from profit sharing, land rent and royalties

(c) Includes SOE's profit transfers and grants

(d) Includes fuel subsidy

(e) Beginning in 2005, includes capital and social assistance expenditures

APPENDIX 1: KEY ECONOMIC INDICATORS

APPENDIX 1.3: BALANCE OF PAYMENTS (US\$ BILLION)

| | 2000 | 2001 | 2002 | 2003 | 2004 |
|------------------------|------------|------------|------------|------------|------------|
| Exports (fob) | 65.4 | 57.4 | 59.2 | 64.1 | 72.2 |
| - Oil/Gas | 15.1 | 12.6 | 12.9 | 15.2 | 17.7 |
| - Non-Oil\Gas | 50.3 | 44.8 | 46.3 | 48.9 | 54.5 |
| Imports (fob) | -40.4 | -34.7 | -35.7 | -39.5 | -50.6 |
| - Oil/Gas | -6.0 | -15.8 | -6.7 | -7.8 | -11.2 |
| - Non Oil/Gas | -34.4 | -28.9 | -29.0 | -31.7 | -39.5 |
| Services | -9.8 | -9.9 | -9.9 | -11.7 | -10.9 |
| - Transportation | -4.3 | -4.2 | -4.1 | -4.0 | -3.2 |
| - Travel | 1.8 | 1.9 | 2.0 | 1.0 | 1.3 |
| - Other | -7.2 | -7.6 | -7.8 | -8.7 | -8.9 |
| Income (net) | -8.4 | -6.9 | -7 | -6.1 | -8.8 |
| - Direct Investment | -3.6 | -3.2 | -3.2 | -2.7 | -5.4 |
| - Portfolio Investment | 1.1 | 1.2 | 0.8 | 0.7 | 0.7 |
| - Other Investment 1) | -6 | -5 | -4.6 | -4.1 | -4.0 |
| Current Transfers | 1.2 | 1.0 | 1.3 | 1.5 | 1.1 |
| CURRENT ACCOUNT | 8.0 | 6.9 | 7.8 | 8.1 | 3.1 |

Source: Bank Indonesia

APPENDIX 1.4: SELECTED FOREIGN EXCHANGE RATE AGAINST RUPIAH

| End of period | US\$ | Yen | Aus\$ | Sing\$ | Aus\$ | Aus\$ | Euro |
|---------------|--------|-----|-------|--------|-------|--------|--------|
| 1998 | 8,025 | 70 | 4,923 | 4,836 | 4,923 | 4,923 | - |
| 1999 | 7,100 | 70 | 4,622 | 4,260 | 4,622 | 4,622 | 7,148 |
| 2000 | 5,995 | 84 | 5,319 | 5,539 | 5,319 | 5,319 | 8,912 |
| 2001 | 10,266 | 84 | 5,256 | 5,714 | 5,256 | 5,256 | 9,141 |
| 2002 | 9,261 | 74 | 5,046 | 5,954 | 5,046 | 5,046 | 8,783 |
| 2003 | 8,465 | 79 | 6,347 | 4,977 | 6,347 | 6,347 | 10,643 |
| 2004 | 9,290 | 95 | 7,242 | 5,686 | 6,851 | 38,352 | 12,652 |
| 2005 | | | | | | | |
| January | 9,165 | 93 | 7,093 | 5,591 | 6,704 | 38,383 | 11,937 |
| February | 9,260 | 93 | 7,310 | 5,687 | 6,915 | 38,411 | 12,297 |
| March | 9,480 | 93 | 7,313 | 5,749 | 6,925 | 38,442 | 12,249 |
| April | 9,570 | 95 | 7,442 | 5,811 | 7,052 | 38,471 | 12,362 |
| May | 9,495 | 92 | 7,175 | 5,710 | 6,797 | 38,503 | 11,768 |
| June | 9,713 | 93 | 7,416 | 5,764 | 7,034 | 38,533 | 11,733 |

Source: Bank Indonesia

APPENDIX 2: OIL AND GAS CONTRIBUTION TO THE ECONOMY

APPENDIX 2.1: OIL AND GAS CONTRIBUTION TO DOMESTIC REVENUES VS FUEL SUBSIDY EXPENDITURE (Rp Trillion)

| FY | Domestic Revenues | Oil/Gas Revenues (a) | Oil /Gas as %total Revenue | | | Fuel Subsidy to Expenditure (%) |
|------------|-------------------|----------------------|----------------------------|--------------|--|---------------------------------|
| | | | | Fuel Subsidy | | |
| 1992/93 | 48.9 | 15.3 | 31.4 | 0.7 | | 1.4 |
| 1993/94 | 56.1 | 12.5 | 22.3 | 1.3 | | 2.3 |
| 1994/95 | 66.4 | 13.5 | 20.4 | 0.7 | | 1 |
| 1995/96 | 71.6 | 16.1 | 22 | - | | - |
| 1996/97 | 78.2 | 20.1 | 25.7 | 1.4 | | 1.8 |
| 1997/98 | 108.2 | 35.4 | 32.7 | 9.8 | | 9.1 |
| 1998/99 | 157.5 | 41.4 | 26.3 | 27.2 | | 18.2 |
| 1999/00 | 187.8 | 58.5 | 31.2 | 35.8 | | 17.8 |
| 2000 (b) | 204.9 | 85.3 | 41.6 | 51.1 | | 25.0 |
| 2001 | 286.8 | 89.7 | 31.3 | 68.4 | | 23.8 |
| 2002 | 301.9 | 74.2 | 24.6 | 30.3 | | 10.0 |
| 2003 | 340.7 | 80.4 | 23.6 | 30 | | 8.0 |
| 2004 (c) | 403.0 | 87.6 | 21.7 | 59.2 | | 25.9 |
| 2005 (d) | 379.6 | 47.1 | 12.4 | 19.0 | | 5.0 |
| 2005 R (e) | 484.5 | 116.4 | 24.0 | 76.5 | | 23.7 |

Source: Ministry of Finance

(a) Non-tax revenue

(b) April – December

(c) Provisional budget turnout

(d) Budget

(e) Budget Revision

APPENDIX 2.2: OIL AND GAS CONTRIBUTION TO FOREIGN TRADE (US\$ MILLION)

| Year | Exports (FOB) | | | Imports (CIF) | | |
|------|---------------|--------|---------------|---------------|--------|---------------|
| | Oil & Gas | Total | Oil & Gas (%) | Oil & Gas | Total | Oil & Gas (%) |
| 1995 | 10,464 | 45,418 | 23 | 2,911 | 40,629 | 7.2 |
| 1996 | 11,722 | 49,815 | 23.5 | 3,596 | 42,929 | 8.4 |
| 1997 | 11,623 | 53,444 | 21.8 | 3,924 | 41,680 | 9.4 |
| 1998 | 7,872 | 48,848 | 16.1 | 2,654 | 27,337 | 9.7 |
| 1999 | 9,792 | 48,665 | 20.1 | 3,681 | 24,003 | 15.3 |
| 2000 | 14,367 | 62,124 | 23.1 | 6,020 | 33,515 | 18.0 |
| 2001 | 12,636 | 56,321 | 22.4 | 5,472 | 30,962 | 17.7 |
| 2002 | 12,858 | 59,165 | 21.7 | 7,241 | 38,310 | 18.9 |
| 2003 | 15,234 | 64,109 | 23.8 | 8,457 | 42,196 | 20.0 |
| 2004 | 17,682 | 72,164 | 24.5 | 12,136 | 55,009 | 22.1 |

Source : BPS and BI

Note : Import figures are CIF vs FOB in Appendix 1

APPENDIX 3: SUMMARY OF OIL AND GAS STATISTICS

APPENDIX 3: STATISTICS SUMMARY

| | 2000 | 2001 | 2002 | 2003 | 2004 |
|--------------------------------------|------------------|------------------|------------------|------------------|------------------|
| RESERVES | | | | | |
| Oil (Million Barrels) | 9,612.90 | 9,753.40 | 9,746.40 | 9,094.20 | 8,613.00 |
| Proven | 5,122.70 | 5,094.60 | 4,721.80 | 4,436.60 | 4,300.70 |
| Potential | 4,490.10 | 5,521.55 | 5,024.60 | 4,657.60 | 4,312.30 |
| Gas (TSCF) | 170.3 | 168.2 | 176.6 | 168.16 | 188.34 |
| Proven | 94.7 | 91.9 | 90.3 | 92.1 | 97.77 |
| Potential | 75.6 | 75.5 | 86.3 | 76.06 | 90.57 |
| EXPLORATION | | | | | |
| New contracts signed | 5 | 10 | 1 | 15 | 17 |
| Contracts extended | 2 | 2 | - | - | 1 |
| Totally relinquished contracts | 10 | 8 | - | - | - |
| Seismic (1000 Km) | 165,932 | 284,300 | n/a | 12,086 | 15,041 |
| No. of exploration wells drilled | 82 | 80 | 73 | 33 | 36 |
| Oil and gas discoveries | 34 | 17 | 12 | 14 | 22 |
| No. exploration rigs | 32 | 24 | 29 | 20 | 38 |
| Total development wells | 949 | 854 | 736 | 766 | 447 |
| No. of development rigs | 93 | 59 | 65 | n.a | 118 |
| Oil firms expenditures (US\$Mln) | 3,605 | 4,202 | 3,418 | 5,305 | 5,558 |
| Exploration & development | 758 | 1,158 | 1,076 | 1,409 | 1,744 |
| Production | 2,433 | 2,615 | 1,676 | 3,458 | 3,204 |
| Administrative | 413 | 429 | 666 | 438 | 610 |
| PRODUCTION | | | | | |
| Crude&condensate (1,000 Barrels) | 517,547 | 489,306 | 456,944 | 418,582 | 401,110 |
| Average (1,000 B/D) | 1,414 | 1,344 | 1,252 | 1,147 | 1,094 |
| Crude oil | 1,272 | 1,214 | 1,120 | 1,013 | 966 |
| Condensate | 142 | 130 | 132 | 134 | 129 |
| Natural gas (BCF) | 2,901 | 28,071 | 3,036 | 3,155 | 3,030 |
| LPG (1,000 MT) | 2,088 | 2,188 | 2,099 | 2,024 | 1,947 |
| LNG (1,000 MT) | 26,990 | 23,883 | 26,215 | 27,392 | 25,238 |
| EXPORTS | | | | | |
| Export Volume (1,000 Barrels) | 1,691,915 | 1,536,999 | 1,309,575 | 1,616,040 | 1,566,282 |
| Crude oil | 195,266 | 216,474 | 185,925 | 158,045 | 149,042 |
| Condensate | 28,234 | 25,138 | 31,349 | 31,040 | 30,324 |
| Refined products | 67,085 | 55,118 | 55,490 | 56,267 | 64,501 |
| LPG (1,000 MT) | 1,306 | 1,484 | 1,268 | 1,085 | 1,034 |
| LNG (MMBTU) | 1,400,024 | 1,238,785 | 1,035,543 | 1,369,603 | 1,322,415 |
| Export Values (US\$Million) | 15,155 | 12,663 | 11,996 | 13,941 | 16,264 |
| Crude& Condensate | 6,282 | 5,650 | 4,929 | 5,402 | 6,458 |
| Refined products | 1,676 | 1,249 | 1,060 | 1,623 | 1,750 |
| LNG | 6,802 | 5,375 | 5,595 | 6,586 | 7,722 |
| LPG | 394 | 389 | 412 | 330 | 334 |
| IMPORTS | | | | | |
| Import Volume (1,000 Barrels) | 170,004 | 202,500 | 230,076 | 241,619 | 273,309 |
| Crude oil | 79,978 | 112,878 | 124,148 | 135,238 | 148,490 |
| Oil products | 90,026 | 89,622 | 106,928 | 106,381 | 124,819 |
| Import Values (US\$Million) | 5,290 | 5,430 | 6,526 | 7,480 | 11,646 |
| Crude oil | 2,304 | 2,852 | 3,217 | 4,085 | 5,792 |
| Oil products | 2,986 | 2,577 | 3,309 | 3,395 | 5,854 |

APPENDIX 3: SUMMARY OF OIL AND GAS STATISTICS

| | 2000 | 2001 | 2002 | 2003 | 2004 |
|--|----------------|----------------|----------------|----------------|----------------|
| FUEL CONSUMPTION | | | | | |
| Fuel Consumption by Sector (Million Liters) | 54,825 | 55,891 | 57,797 | 59,865 | 64,651 |
| Transport | 25,548 | 26,248 | 27,329 | 28,596 | 32,572 |
| Industry | 11,862 | 12,384 | 12,338 | 12,254 | 13,495 |
| Household | 12,407 | 12,242 | 11,625 | 12,318 | 11,787 |
| Electricity | 5,008 | 5,017 | 6,505 | 6,696 | 6,797 |
| REFINING | | | | | |
| Refinery Input (1000 Barrels) | 373,167 | 375,668 | 365,861 | 370,578 | 375,560 |
| Domestic crude/condensate | 285,290 | 256,300 | 234,119 | 223,558 | 216,682 |
| Imported crude (a) | 74,941 | 105,096 | 123,852 | 135,033 | 147,028 |
| Feedstocks/others | 12,936 | 431 | 7,890 | 11,987 | 11,850 |
| Refinery Output (1000 Barrels) | 373,167 | 375,668 | 365,861 | 370,548 | 375,560 |
| Subtotal Fuels | 276,697 | 283,389 | 278,658 | 278,203 | 283,153 |
| Automotive diesel oil (ADO) | 95,903 | 95,928 | 93,985 | 94,509 | 98,645 |
| Kerosene | 57,897 | 57,992 | 56,301 | 58,556 | 56,820 |
| Mogas | 70,645 | 73,150 | 73,287 | 72,690 | 75,277 |
| Fuel oil | 32,482 | 35,087 | 37,302 | 33,877 | 30,962 |
| Industrial diesel oil (IDO) | 8,140 | 9,109 | 8,431 | 7,795 | 10,202 |
| Avtur | 8,441 | 8,620 | 9,319 | 72 | 11,215 |
| Avgas | 6 | 51 | 33 | 10,704 | 32 |
| JP4/JP5 | - | - | - | - | - |
| Subtotal Non-Fuel | 96,300 | 92,515 | 86,310 | 92,345 | 92,407 |
| LSWR | 38,618 | 34,211 | 28,363 | 32,185 | 29,189 |
| Naptha | 16,647 | 20,180 | 16,230 | 18,154 | 18,737 |
| LOMC | 1,666 | 143 | - | - | - |
| LPG | 8,378 | 8,160 | 8,191 | 8,698 | 9,380 |
| Asphalt | 2,730 | 2,341 | 2,399 | 3,267 | 3,290 |
| Lub base oil | 2,676 | 2,712 | 2,252 | 2,867 | 2,823 |
| Cokes | 2,188 | 2,573 | 1,773 | 2,637 | 2,410 |
| Others | 3,083 | 3,244 | 2,659 | 2,716 | 3,584 |
| Balance (b) | 20,314 | 18,951 | 24,443 | 21,820 | 22,994 |

Sources: MIGAS – Exploration, Trade and Refining, Production and Revenue

Bank Indonesia – Economy and Monetary Statistics

Note : (a) Figures differ slightly from crude import figures above because some imported crude is stored before processing.

(b) Intermediate, Fuel and Gas Refining, Losses

APPENDIX 4: OIL RESOURCES AND RESERVES

APPENDIX 4.1: DISTRIBUTION OF HYDROCARBON RESERVES

| Location | 1-Jan-03 | | | 1-Jan-04 | | |
|---|----------------|----------------|----------------|----------------|----------------|----------------|
| | Proven | Potential | Total | Proven | Potential | Total |
| Oil and Condensate (million barrels) | 4,727.9 | 4,092.5 | 8,820.4 | 4,300.7 | 4,312.3 | 8,613.0 |
| Aceh & North Sumatera | n/a | n/a | 328.6 | n/a | n/a | 253.2 |
| Natuna | n/a | n/a | 406.4 | n/a | n/a | 377.2 |
| Central Sumatra | n/a | n/a | 4104.7 | n/a | n/a | 4564.1 |
| South Sumatra | n/a | n/a | 1195 | n/a | n/a | 883.1 |
| West Java | n/a | n/a | 1132.3 | n/a | n/a | 741.6 |
| E/C. Java | n/a | n/a | 254.0 | n/a | n/a | 583.5 |
| E/S. Kalimantan | n/a | n/a | 1066.4 | n/a | n/a | 920.1 |
| South Sulawesi | n/a | n/a | 21.7 | n/a | n/a | 81.0 |
| Irian Jaya/Maluku | n/a | n/a | 311.3 | n/a | n/a | 209.2 |
| Natural Gas (trillion SCF) | 91.2 | 87.0 | 178.1 | 97.8 | 90.6 | 188.3 |
| Aceh & North Sumatera | n/a | n/a | 9.7 | n/a | n/a | 8.6 |
| Natuna | n/a | n/a | 54.3 | n/a | n/a | 54.2 |
| Central Sumatra | n/a | n/a | 1.1 | n/a | n/a | 8.2 |
| South Sumatra | n/a | n/a | 33.4 | n/a | n/a | 24.5 |
| West Java | n/a | n/a | 6.8 | n/a | n/a | 6.0 |
| E/C. Java | n/a | n/a | 5.4 | n/a | n/a | 10.3 |
| E/S. Kalimantan | n/a | n/a | 44.1 | n/a | n/a | 47.4 |
| South Sulawesi | n/a | n/a | 4.1 | n/a | n/a | 4.2 |
| Irian Jaya | n/a | n/a | 19.3 | n/a | n/a | 24.1 |

Source: Migas-Exploration

APPENDIX 4. 2: OIL AND GAS RESERVES AND RESOURCES

| Reserves and Resources | 1-Jan-03 | | 1-Jan-04 | |
|------------------------|------------------|---------------|------------------|---------------|
| | Oil (Bln Brl) | Gas (TSCF) | Oil (Bln Brl) | Gas (TSCF) |
| Reserves | 8.82 | 178.1 | 8.61 | 188.3 |
| Onshore | n/a | n/a | n/a | n/a |
| Offshore | n/a | n/a | n/a | n/a |
| Resources | 137.7 | 295.3 | 137.7 | 295.3 |
| Onshore | n/a | n/a | n/a | n/a |
| Offshore | n/a | n/a | n/a | n/a |

Source: Migas-Exploration

Note: Resources are an estimate of unproven potential natural resources based on interpretation from seismic, geological and geophysical surveys.

APPENDIX 5: EXPLORATION

APPENDIX 5.1: SEISMIC ACTIVITY (KMS)

| Year | Pertamina | PSC Onshore | PSC Offshore | Total |
|-------------|------------------|--------------------|---------------------|--------------|
| 1995 | 1,795.0 | 6,086.0 | 54,667.0 | 63,547.0 |
| 1996 | 292.0 | 10,638.0 | 50,408.0 | 61,338.0 |
| 1997 | 1,064.0 | 96,951.0 | 371,183.0 | 469,198.0 |
| 1998 | 1,625.0 | 26,270.0 | 279,877.0 | 307,772.0 |
| 1999 | 2,023.0 | 27,334.0 | 145,901.0 | 175,258.0 |
| 2000 | 656.0 | 13,184.0 | 152,086.0 | 165,926.0 |
| 2001 | 3,613.3 | 3,769.3 | 7,502.2 | 14,884.7 |
| 2002 | - | 11,070.0 | 8,867.0 | 19,937.0 |
| 2003 | 1,923.0 | 10,518.0 | 1,568.7 | 14,009.7 |
| 2004 | 5,185.4 | 3,511.2 | 6,344.0 | 15,040.6 |

Source: Migas-Exploration

Note: Data include 2D, 3D and 4D seismic activity

APPENDIX 5.2: EXPLORATION DRILLING

| Year | No. of Wells Completed | Discovery Wells | | Success Ratio of Wells (%) | Exploration Rigs |
|-------------|-------------------------------|------------------------|------------|-----------------------------------|-------------------------|
| | | Oil | Gas | | |
| 1995 | 80 | 16 | 16 | 53.3 | 43 |
| 1996 | 100 | 18 | 11 | 43.3 | 45 |
| 1997 | 100 | 14 | 14 | 40.6 | 40 |
| 1998 | 145 | 16 | 5 | 30 | 60 |
| 1999 | 89 | 10 | 9 | 41.3 | 46 |
| 2000 | 82 | 19 | 15 | 50 | 32 |
| 2001 | 80 | 11 | 6 | 36.2 | 24 |
| 2002 | 88 | 12 | 17 | 33 | 29 |
| 2003 | 33 | 8 | 6 | 42.4 | 20 |
| 2004 | 36 | 10 | 12 | 61.1 | 38 |

Source: Migas-Exploration

APPENDIX 6: PRODUCTION

APPENDIX 6.1: WORLD OIL PRODUCTION (1000 B/D)

| | 2000 | 2001 | 2002 | 2003 | 2004 | % Share (2004) |
|--------------------|---------------|---------------|---------------|---------------|---------------|-------------------|
| TOTAL WORLD | 74,574 | 74,350 | 74,065 | 76,777 | 80,260 | 100.0 |
| OPEC | 30,974 | 30,105 | 28,503 | 30,384 | 32,927 | 41.0 |
| Saudi Arabia | 9,297 | 8,992 | 8,664 | 9,817 | 10,584 | 13.2 |
| Iran | 3,766 | 3,680 | 3,420 | 3,852 | 4,081 | 5.1 |
| Venezuela | 3,321 | 3,210 | 3,218 | 2,987 | 2,980 | 3.7 |
| UAE | 2,492 | 2,429 | 2,159 | 2,520 | 2,667 | 3.3 |
| Kuwait | 2,105 | 2,069 | 1,871 | 2,238 | 2,424 | 3.0 |
| Nigeria | 2,104 | 2,199 | 2,013 | 2,185 | 2,508 | 3.1 |
| Iraq | 2,583 | 2,371 | 2,030 | 1,344 | 2,027 | 2.5 |
| Algeria | 1,579 | 1,562 | 1,681 | 1,857 | 1,933 | 2.4 |
| Libya | 1,475 | 1,425 | 1,376 | 1,488 | 1,607 | 2.0 |
| Indonesia | 1,456 | 1,389 | 1,288 | 1,179 | 1,126 | 1.4 |
| Qatar | 796 | 779 | 783 | 917 | 990 | 1.2 |
| Non-OPEC | 43,600 | 44,245 | 45,562 | 46,393 | 47,333 | 59.0 |
| Russia | 6,536 | 7,056 | 7,698 | 8,543 | 9,285 | 11.6 |
| USA | 7,733 | 7,670 | 7,626 | 7,454 | 7,241 | 9.0 |
| Mexico | 3,450 | 3,560 | 3,585 | 3,789 | 3,824 | 4.8 |
| China | 3,252 | 3,306 | 3,346 | 3,396 | 3,490 | 4.3 |
| Norway | 3,346 | 3,418 | 3,329 | 3,260 | 3,188 | 4.0 |
| Canada | 2,721 | 2,712 | 2,838 | 2,986 | 3,085 | 3.8 |
| UK | 2,657 | 2,476 | 2,463 | 2,245 | 2,029 | 2.5 |
| Brazil | 1,268 | 1,337 | 1,499 | 1,552 | 1,542 | 1.9 |
| Others | 12,637 | 12,710 | 13,178 | 13,168 | 13,649 | 17.0 |

Source: OPEC and BP Statistical Review 2004

APPENDIX 6: PRODUCTION

APPENDIX 6.2: INDONESIAN CRUDE AND CONDENSATE PRODUCTION BY COMPANY (1000 B/D)

| Company | 2000 | 2001 | 2002 | 2003 | 2004 |
|-------------------------------|----------------|----------------|----------------|----------------|----------------|
| Amerada Hess/Energy Eq. | 0.2 | 0.1 | 0.1 | - | - |
| Babat Kukui Energy | - | 0.1 | - | 0 | 0.0 |
| Binatek Kruh | - | - | - | 0.1 | 0.1 |
| Binawahana Petrindo | 1.1 | 1.5 | 1.8 | 1.9 | 2.2 |
| BP | 62.6 | 50.8 | 46.5 | 38.8 | 31.3 |
| Bumi Siak Pusako | - | - | 11.2 | 32 | 30.0 |
| Caltex | 705.9 | 643.2 | 577.3 | 506.9 | 507.0 |
| CNOOC | 126.6 | 125.7 | 114.9 | 94.9 | 81.5 |
| ConocoPhilips | 87.9 | 83.2 | 69.3 | 51.4 | 44.1 |
| Exspan | 67.2 | 77 | 85.5 | 66.4 | 54.0 |
| ExxonMobil | 28.2 | 13.4 | 25.3 | 25.4 | 21.2 |
| Golden Spike/Kodel | 0.6 | 0.4 | 0.4 | 0.4 | 0.3 |
| Haliburton/Citra PNP | 2 | 2.8 | 2.2 | 1.7 | 1.5 |
| Haurgeulis | - | - | - | - | 0.0 |
| Indo Pacific (GFB) Resources | - | 0.8 | 0.3 | 0.5 | 0.2 |
| Intermega | 0.7 | 0.7 | 0.6 | 0.5 | 0.5 |
| Costa/Japex | 0.6 | 0.4 | 0.3 | 0.2 | 0.2 |
| Kalrez Pet./Santos | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 |
| Kodeco | 4.2 | 6.5 | 13.5 | 14.4 | 14.3 |
| Kondur Pet. | 14.9 | 13.8 | 11.1 | 10.6 | 9.9 |
| Kufpec Indonesia | | | | 3.9 | 2.5 |
| Lirik Petroleum | 1.5 | 1.6 | 1.8 | 1.6 | 1.5 |
| Matriks | - | - | 1.1 | - | - |
| Mitrasani Gelam | - | - | - | - | 0.2 |
| Patrindo Persada Maju | 0.2 | 3.9 | 2.5 | 0.2 | 0.1 |
| Pearl Oil (Jambi EOR) | | | | 4.2 | 4.0 |
| Perkasa Equatorial | 3.1 | 5.3 | 5.5 | 6.3 | 5.4 |
| Perkasa M Senami | | | | | 0.1 |
| Pertamina * | 46.3 | 45.1 | 40.1 | 43.6 | 48.4 |
| Petrochina | 37.6 | 45.8 | 42.4 | 40.5 | 36.6 |
| Petronusa Bumbabkti | - | 0.1 | - | 0 | 0.0 |
| Petroselat | - | - | - | - | 0.0 |
| PilonaTanjung Lontar | 1.5 | 1.2 | 1 | 1.5 | 1.0 |
| Premier Oil/Amoseas | 4.4 | 4.5 | 3.8 | 3.6 | 3.1 |
| Radian Ramok | - | - | 0.1 | 0.1 | 0.1 |
| Ranya Energi Pamanukan | - | - | - | - | 0.0 |
| Retko Prima/Western Nusantara | 0.3 | 0.4 | 0.5 | 0.7 | 0.7 |
| Sea Union Energy/ Husky | 6.2 | 6 | 5.6 | 5.3 | 5.4 |
| Semco | - | - | - | - | 0.4 |
| Star Energy (CoPi Kakap) | - | - | - | 8.6 | 8.2 |
| Surya Raya Teladan | 1.5 | 1.4 | 1.4 | 1.3 | 1.2 |
| Talisman | 14.6 | 13.8 | 12.7 | 11.7 | 10.6 |
| Total | 85.5 | 90 | 79.8 | 81.1 | 81.8 |
| Unocal | 59.4 | 59.3 | 56.2 | 53.9 | 55.7 |
| Vico | 48.4 | 40.8 | 36.2 | 32.3 | 28.8 |
| TOTAL | 1,414.1 | 1,344.0 | 1,251.5 | 1,146.8 | 1,094.4 |

Source: Migas-Exploitation

* Pertamina-owned fields

APPENDIX 6: PRODUCTION

APPENDIX 6.3: CRUDE AND CONDENSATE PRODUCTION BY AREA (B/D)

| Company/ | Block/Area | Jan-Dec 2003 | | | Jan-Dec 2004 | | |
|---------------------|----------------------------|--------------|--------|---------|--------------|--------|---------|
| | | Crude | Conden | Total | Crude | Conden | Total |
| Amerada Hess | Lematang, S. Sumatra – PSC | | | | - | - | 0 |
| Babat Kukui Energy | Babat Kukui, Jambi – TAC | 35 | - | 35 | 43 | - | 43 |
| Binatek Reka | Kruh, S. Sumatra – JOB | 114 | - | 114 | 76 | - | 76 |
| Binawahana Petrindo | Meruap - Jambi – TAC | 1,900 | - | 1,900 | 2,183 | - | 2,183 |
| BP | Kangean, East Java – PSC | | 1,269 | 1,269 | - | 1,066 | 1,066 |
| | North West Java Sea - PSC | 32,318 | 5,167 | 37,485 | 26,356 | 3,852 | 30,208 |
| Bumi Siak Pusako | CPP, Riau – PSC | 31,986 | - | 31,986 | 30,023 | - | 30,023 |
| Caltex | CPP, Riau – PSC | - | - | - | - | - | 0 |
| | MFK, Riau – PSC | 497 | - | 497 | 485 | - | 485 |
| | Rokan, Riau – PSC | 492,566 | 11,532 | 504,098 | 494,685 | 9,169 | 503,854 |
| | Siak, Riau – PSC | 2,336 | - | 2,336 | 2,614 | - | 2,614 |
| CNOOC | SE Sumatra Off. – PSC | 94,871 | - | 94,871 | 81,461 | - | 81,461 |
| ConocoPhillips | Aceh – PSC | - | - | - | - | - | 0 |
| | Grissik – PSC | 3,539 | 3,705 | 7,244 | 2,881 | 4,695 | 7,576 |
| | Jambi – EOR (Pearl Oil) | - | - | - | - | 143 | 143 |
| | Kakap - PSC (Star Energy) | - | - | - | - | - | 0 |
| | Natuna Sea, Off. – PSC | 35,670 | - | 35,670 | 30,234 | - | 30,234 |
| | Ramba – TAC | 8,477 | - | 8,477 | 6,170 | - | 6,170 |
| Exspan | Kampar – PSC | 7,499 | 74 | 7,573 | 9,230 | 505 | 9,735 |
| | Lematang – PSC | 79 | - | 79 | 68 | - | 68 |
| | Rimau – PSC | 52,842 | - | 52,842 | 38,472 | - | 38,472 |
| | Tarakan – PSC | 725 | - | 725 | 666 | - | 666 |
| | Tarakan, E.Kalimntr TAC | 5,271 | - | 5,271 | 5,099 | - | 5,099 |
| ExxonMobil | Aceh – PSC | - | 25,376 | 25,376 | - | 21,218 | 21,218 |
| Golden Spike | Pendopo – JOB | 320 | 39 | 359 | 279 | 28 | 307 |
| Halliburton Energy | South Sumatra – JOB | 1,699 | - | 1,699 | 1,456 | - | 1,456 |
| Haurgeulis | Haurgeulis - TAC | | | | 12 | - | 12 |
| HED Indo. /Citra P. | Abad/Raja – EOR | - | - | - | - | - | 0 |
| Indo Pacific Res. | Bawean, E. Java Off. PSC | 527 | - | 527 | 205 | - | 205 |

APPENDIX 6: PRODUCTION

| Company/ | Block/Area | Jan-Dec 2003 | | | Jan-Dec 2004 | | |
|--------------------------|-------------------------------|--------------|--------|--------|--------------|--------|--------|
| | | Crude | Conden | Total | Crude | Conden | Total |
| Intermega | Irian Jaya – TAC | 300 | - | 300 | | | 0 |
| | Salawati – TAC | 16 | - | 16 | 320 | | 320 |
| | Sele/Linda – TAC | 177 | - | 177 | 154 | | 154 |
| Costa/Japex | Gebang – JOB | - | - | - | 175 | | 175 |
| Kalrez Petroleum | Bula Seram, Maluku – PSC | 521 | - | 521 | 462 | | 462 |
| Kodeco | Poleng, Java Sea – TAC | 5,244 | - | 5,244 | 3,942 | | 3,942 |
| | West Madura, Off – JOA | 9,013 | 171 | 9,184 | 10,176 | 144 | 10,320 |
| Kondur Petroleum | Malacca Str, Riau - PSC | 10,567 | - | 10,567 | 9,860 | | 9,860 |
| Kufpec | Seram, Maluku – PSC | 3,933 | - | 3,933 | 2,465 | | 2,465 |
| Lirik Petroleum | Lirik- EOR | 1,604 | - | 1,604 | 1,542 | | 1,542 |
| Matriks | N. Sumatra-TAC | | - | - | 0 | 0 | 0 |
| Mitrasani Gelam | Sungai Gelam - TAC | | | | 193 | | 193 |
| Patrindo Persada Maju | Wasian, I. Jaya - TAC | 185 | - | 185 | 55 | | 55 |
| Pearl Oil | Jambi – EOR | 4,151 | - | 4,151 | 4,001 | - | 4,001 |
| | Tungkal PSC | - | - | - | 8 | - | 8 |
| Perkasa Equatorial | Sembakung – TAC | 6,286 | - | 6,286 | 5,427 | | 5,427 |
| Perkasa M Senami | Betung – JOB | 37 | - | 37 | 74 | | 74 |
| Pertamina | Cepu (East Java) | 2,186 | - | 2,186 | 2,320 | | 2,320 |
| | Cirebon (West Java) | 16,189 | - | 16,189 | 18,852 | | 18,852 |
| | Jambi (Mid Sumatra) | 3,712 | - | 3,712 | 3,025 | | 3,025 |
| | Kalimantan | 4,671 | - | 4,671 | 5,250 | | 5,250 |
| | Prabumulih (South Sumatra) | 12,221 | - | 12,221 | 14,637 | | 14,637 |
| | Rantau (North Sumatra) | 3,669 | 32 | 3,701 | 3,433 | | 3,433 |
| | Sorong (Irian) | 973 | - | 973 | 853 | | 853 |
| | Irian Jaya – PSC | 6,317 | 653 | 6,970 | 6,160 | 489 | 6,649 |
| | Jabung, Jambi - PSC | 19,729 | - | 19,729 | 16,680 | 0 | 16,680 |
| Petrochina | Salawati – JOB | 4,361 | - | 4,361 | 3,946 | | 3,946 |
| | Tuban – JOB | 9,504 | - | 9,504 | 9,309 | | 9,309 |
| Petronusa Bumibakti | Selat Panjang, Riau - PSC | 48 | - | 48 | 36 | | 36 |
| Petroselat | Selat Panjang, Riau - PSC | | | | 38 | | 38 |

APPENDIX 6: PRODUCTION

| Company/ | Block/Area | Jan-Dec 2003 | | | Jan-Dec 2004 | | |
|-------------------------------|-----------------------------------|------------------|----------------|------------------|----------------|----------------|------------------|
| | | Crude | Conden | Total | Crude | Conden | Total |
| Pilona Petro | Tanjung Lontar - TAC | 1,466 | - | 1,466 | 1,042 | | 1,042 |
| Premier Oil | Anoa, Natuna Sea - PSC | 2,509 | 1,037 | 3,546 | 2,183 | 887 | 3,070 |
| Radian Ramok | Senabing – TAC | 114 | - | 114 | 128 | | 128 |
| | Sukatani – TAC | 3 | - | 3 | 0 | | 0 |
| Ranya Energy Pamanukan | S. Pamanukan TAC | | | | | 6 | 6 |
| Retko Prima/Western Nusantara | S. Sumatra – TAC | 651 | - | 651 | 725 | | 725 |
| Sea Union Energy | Limau – JOB | 5,333 | - | 5,333 | 5,395 | | 5,395 |
| Semco | Semberah - TAC | | | | 399 | | 399 |
| Star Energy | Kakap – PSC | 7,780 | 854 | 8,634 | 7,245 | 990 | 8,235 |
| Surya Raya Teladan | Benakat – EOR | 1,257 | - | 1,257 | 1,205 | | 1,205 |
| Talisman | OK – JOB | 4,749 | 187 | 4,936 | 4,285 | 206 | 4,491 |
| | Tanjung – JOB | 6,737 | - | 6,737 | 6,086 | | 6,086 |
| Total Fina/Elf | Mahakam, E. Kalimantan Off. – PSC | 17,152 | 63,957 | 81,109 | 17,841 | 63,920 | 81,761 |
| UNOCAL | East Kalimantan – PSC | 45,851 | 4,475 | 50,326 | 35,127 | 3,790 | 38,917 |
| | Makassar – PSC | 3,521 | 7 | 3,528 | 16,705 | 30 | 16,735 |
| VICO | Sanga-sanga, E.Kalimtn – PSC | 17,012 | 15,286 | 32,298 | 11,325 | 17,491 | 28,816 |
| TOTAL | | 1,013,020 | 133,821 | 1,146,841 | 965,787 | 128,623 | 1,094,410 |

Source: Migas-Production

APPENDIX 6.4: INDONESIA: CRUDE AND CONDENSATE PRODUCTION (1,000 B/D)

| Year | Crude | Condensate | Total |
|------|---------|------------|---------|
| 1995 | 1,434.2 | 170.8 | 1,605.0 |
| 1996 | 1,421.7 | 172.9 | 1,594.6 |
| 1997 | 1,417.9 | 162.8 | 1,580.7 |
| 1998 | 1,401.3 | 155.3 | 1,556.6 |
| 1999 | 1,351.3 | 149.1 | 1,500.3 |
| 2000 | 1,271.7 | 142.4 | 1,414.1 |
| 2001 | 1,212.3 | 131.9 | 1,344.1 |
| 2002 | 1,119.9 | 131.8 | 1,251.9 |
| 2003 | 1,013.0 | 133.8 | 1,146.8 |
| 2004 | 965.8 | 128.6 | 1,094.4 |

Source: Migas-Production

APPENDIX 7: EXPORTS AND PRICES

APPENDIX 7.1: INDONESIA: CRUDE AND CONDENSATE EXPORTS BY VOLUME (1,000 BARRELS)

| | 2000 | 2001 | 2002 | 2003 | 2004 |
|--|------------------|------------------|------------------|------------------|------------------|
| Total Volume | 223,500.0 | 241,612.0 | 217,274.2 | 189,094.8 | 179,365.9 |
| Crude | 195,266.0 | 216,474.0 | 185,924.9 | 158,045.0 | 149,041.9 |
| Daily average | 533.5 | 593.1 | 509.4 | 433 | 408 |
| Condensate (a) | 28,234.3 | 25,138.0 | 31,349.3 | 31,049.9 | 30,324.0 |
| Daily average | 77.1 | 68.9 | 85.9 | 85.1 | 83.1 |
| Total Daily Average | 610.6 | 662 | 595.3 | 518.1 | 491.4 |
| Annual Export Value (USD million) | 6,282.5 | 5,650.0 | 4,928.6 | 5,401.6 | 3,193.5 |

Source: Migas-Trade

(a) Including condensate sales to local petrochemical industries.

APPENDIX 7.2: EXPORTS BY CRUDE STREAM (1,000 BARRELS)

| Crude streams | 2000 | 2001 | 2002 | 2003 | 2004 |
|-----------------------------------|-------------------|-------------------|-------------------|-------------------|------------------|
| Crude Oil | 195,085.8 | 214,110.7 | 185,925.0 | 158,045.0 | 149,041.9 |
| Duri-Caltex | 60,502.7 | 70,954.2 | 50,817.0 | 44,702.9 | 45,936.0 |
| Minas/SLC-Caltex | 60,937.4 | 57,887.1 | 48,686.1 | 40,682.2 | 32,908.4 |
| Widuri-CNOOC | 17,542.1 | 19,239.8 | 19,340.7 | 14,377.9 | 12,284.4 |
| Cinta-CNOOC | 12,674.7 | 11,857.3 | 13,808.3 | 12,806.9 | 12,275.6 |
| Belida - ConocoPhillips | 6,601.3 | 13,285.4 | 9,255.7 | 6,818.7 | 7,270.6 |
| Jatibarang - Pertamina | - | - | 724.8 | 4,742.1 | 5,387.4 |
| West Seno-Unocal | | | | 855.6 | 5,005.0 |
| Geragai – Synergy | 837.7 | 6,161.5 | 6,013.4 | 5,408.5 | 4,194.4 |
| Attaka-Union | 5,271.3 | 5,552.8 | 5,892.5 | 4,563.9 | 4,132.2 |
| Handil-Total | 1,830.0 | 2,36.8 | 4,085.6 | 3,413.4 | 3,253.6 |
| Arjuna-BP | 2,684.4 | 4,727.1 | 4,656.1 | 2,157.3 | 3,133.3 |
| Madura | - | - | 986.2 | 3,324.2 | 2,473.0 |
| Mudi | 2,676.5 | 3,923.0 | 3,133.0 | 3,249.8 | 1,947.4 |
| Badak - Vico | 4,138.9 | 3,166.4 | 3,689.8 | 2,507.2 | 1,650.8 |
| Sepinggan-Union | 2,177.2 | 2,490.6 | 2,286.6 | 1,948.4 | 1,415.7 |
| Walio-Trend | 2,662.5 | 1,613.6 | 1,894.4 | 1,211.8 | 1,356.4 |
| Kerapu - Clyde P. | 3,878.7 | 2,588.9 | 1,924.8 | 2,165.8 | 1,165.6 |
| Lalang – Kondur Pet | 1,840.1 | 1,543.3 | 1,459.8 | 989.8 | 858.8 |
| Sukowati-Petrochina | | | | | 778.7 |
| Anoa – Pertamina | 1,106.4 | 1,144.7 | 1,271.3 | 606.6 | 710.3 |
| Oseil-Kufpec | | | | 298.5 | 411.6 |
| Bakapai-Total | 381.2 | 555.1 | 452.4 | 457.7 | 335.4 |
| Sembilang – ConocoPhillips | 603.3 | 499.7 | 470.3 | 188.2 | 157.5 |
| Kaji/Semoga-Exspan | 6,739.4 | 6,819.2 | 4,628.5 | 567.6 | 0.0 |
| Langsa | - | 101.0 | 447.7 | 0.0 | 0.0 |
| Bunyu-Pertamina | - | - | - | - | 0.0 |
| Condensate | 28,010.6 | 25,138.0 | 31,349.3 | 31,049.9 | 30,324.1 |
| Senipah – Marathon | 8,324.0 | 11,637.7 | 12,311.5 | 13,285.2 | 12,084.8 |
| Bontang Mix-Vico | 9,909.3 | 9,990.2 | 9,821.6 | 10,286.2 | 9,618.4 |
| Arun – Mobil | 9,777.3 | 3,510.1 | 9,216.2 | 7,478.5 | 8,620.9 |
| TOTAL (CRUDE + CONDENSATE) | 223,500.00 | 241,612.40 | 217,274.30 | 189,094.82 | 209,690.0 |

Source: Migas-Trade

APPENDIX 7: EXPORTS AND PRICES

APPENDIX 7.3: CRUDE AND CONDENSATE EXPORTS BY DESTINATION (1,000 BARRELS)

| Country | 2000 | 2001 | 2002 | 2003 | 2004 |
|--------------|------------------|------------------|------------------|------------------|------------------|
| Japan | 74,807.2 | 77,866.1 | 61,751.5 | 62,375.2 | 52,040.3 |
| South Korea | 37,407.5 | 51,965.1 | 43,976.7 | 36,888.0 | 42,110.4 |
| China | 33,781.1 | 19,030.1 | 22,064.0 | 26,483.5 | 25,426.1 |
| Australia | 20,539.9 | 37,461.9 | 34,468.7 | 23,488.7 | 20,430.2 |
| USA | 14,152.8 | 15,349.0 | 15,863.9 | 11,572.7 | 11,929.8 |
| Thailand | 9,932.7 | 5,496.0 | 10,558.3 | 9,643.2 | 9,140.6 |
| Singapore | 15,655.6 | 20,516.8 | 14,648.2 | 10,943.3 | 8,761.0 |
| Taiwan | 9,156.9 | 8,167.2 | 7,023.1 | 4,981.2 | 6,029.1 |
| New Zealand | 165.0 | 760.0 | 1,063.9 | 569.4 | 285.0 |
| Philippines | 1,110.4 | 1,145.7 | 410.3 | 1,127.7 | 278.0 |
| Others | 6,790.9 | 3,854.1 | 5,445.7 | 1,022.0 | 33,259.5 |
| TOTAL | 223,500.0 | 241,612.0 | 217,274.3 | 189,094.8 | 209,690.0 |

Source: Migas-Trade

APPENDIX 7.4: EXPORTS OF CRUDE OIL AND REFINED PRODUCTS

Volume: 1,000 Barrels

Value: US\$ Million

| Year | Crude and Condensate | | Refined Products | | Total Value |
|------|----------------------|---------|------------------|---------|-------------|
| | Volume | Value | Volume | Value | |
| 1994 | 324,378 | 5,075.7 | 63,238 | 928.8 | 6,004.5 |
| 1995 | 300,722 | 5,148.0 | 79,347 | 1,286.8 | 6,434.8 |
| 1996 | 283,741 | 5,711.8 | 77,349 | 1,510.5 | 7,373.7 |
| 1997 | 289,932 | 5,458.1 | 71,786 | 1,291.2 | 6,749.3 |
| 1998 | 280,365 | 3,444.9 | 58,897 | 695.4 | 4,140.3 |
| 1999 | 285,400 | 4,949.5 | 56,496 | 912.2 | 5,861.7 |
| 2000 | 223,500 | 6,282.5 | 67,085 | 1,676.0 | 7,958.5 |
| 2001 | 241,612 | 5,650.0 | 55,118 | 1,249.1 | 6,899.1 |
| 2002 | 217,274 | 4,928.6 | 55,490 | 1,059.7 | 5,988.3 |
| 2003 | 189,095 | 5,401.6 | 56,267 | 1,622.6 | 7,024.2 |
| 2004 | 209,690 | 6,458 | 64,501 | 1,750.3 | 8,208.6 |

Source: Migas-Trade

APPENDIX 7.5: REFINED PRODUCT EXPORTS (1000 BARRELS)

| Products | 2000 | 2001 | 2002 | 2003 | 2004 |
|-----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| LSWR | 45,646.2 | 32,831.2 | 35,938.0 | 34,236.5 | 42,287.2 |
| Naphtha | 11,390.1 | 13,448.4 | 10,993.3 | 11,319.8 | 11,763.1 |
| Decant Oil | 3,469.1 | 3,104.7 | 3,253.2 | 3,210.2 | 4,939.9 |
| Cokes | 1,896.1 | 2,622.4 | 1,654.4 | 2,534.5 | 2,589.6 |
| LOMC | 1,087.8 | 611.5 | - | - | 0.0 |
| Others | 3,595.2 | 2,499.9 | 3,650.8 | 4,966.2 | 2,920.6 |
| TOTAL | 67,084.5 | 55,118.1 | 55,489.7 | 56,267.0 | 64,500.5 |
| Values (\$Mln) | 1,676.0 | 1,249.1 | 1,059.7 | 1,622.6 | 1,750.3 |

Source: Migas-Trade

APPENDIX 7: EXPORTS AND PRICES

APPENDIX 7.6: NET OIL EXPORTS (1000 BARRELS)

| Exports/ Imports | 2000 | 2001 | 2002 | 2003 | 2004 |
|----------------------|------------------|------------------|------------------|------------------|------------------|
| Exports | 290,584.5 | 296,730.5 | 272,764.0 | 245,361.9 | 274,190.5 |
| Crude and Condensate | 223,500.0 | 241,612.4 | 217,274.3 | 189,094.8 | 209,690.0 |
| Refined Products | 67,084.5 | 55,118.1 | 55,489.7 | 56,267.0 | 64,500.5 |
| Imports | 170,003.8 | 202,500.2 | 231,075.3 | 239,889.1 | 273,309.3 |
| Crude and Condensate | 79,978.1 | 112,878.1 | 124,147.7 | 135,237.9 | 148,489.9 |
| Refined Products | 90,005.7 | 89,622.1 | 106,927.6 | 104,651.2 | 124,819.3 |
| Net Exports | 120,580.7 | 69,092.3 | 41,688.7 | 5,472.7 | 881.3 |

Source: Migas-Trade

APPENDIX 7.7: GOVERNMENT CRUDE OIL SELLING PRICES (US\$/BARREL)

| Crude | 2000 | 2001 | 2002 | 2003 | 2004 |
|--------------------|------|------|------|------|------|
| SLC/Minas | 30.2 | 27.8 | 27.1 | 18.0 | 36.3 |
| Duri | 28.3 | 25.8 | 25.7 | 26.5 | 30.4 |
| Cinta | 29.6 | 25.8 | 26.3 | 27.1 | 35.0 |
| Widuri | 29.6 | 29.0 | 26.2 | 27.1 | 35.0 |
| Attaka | 30.2 | 27.6 | 25.6 | 29.9 | 37.6 |
| Arjuna | 29.7 | 27.1 | 26.7 | 29.3 | 36.9 |
| Belida | 30.2 | 27.6 | 27.0 | 29.5 | 37.3 |
| Senipah Condensate | 30.0 | 27.0 | 27.2 | 29.4 | - |
| Lalang | 30.2 | 27.9 | 27.2 | 28.1 | 36.4 |
| Walio Mix | 30.0 | 27.6 | 26.9 | 27.8 | 36.1 |
| Arun Condensate | 30.0 | 27.0 | 27.2 | 29.4 | 37.4 |
| Badak | 30.2 | 27.6 | 27.6 | 29.9 | 37.6 |
| Bakapai | 30.2 | 27.6 | 27.6 | 29.9 | 37.6 |
| Anoa | 30.6 | 28.0 | 28.0 | 30.3 | 38.0 |
| Kerapu | 29.9 | 27.2 | 26.7 | 29.2 | - |
| Sepinggan/Yakin | 29.7 | 27.1 | 26.7 | 29.3 | - |
| Kaji | 30.9 | 28.2 | 27.5 | 28.4 | - |
| Handil | 29.8 | 27.2 | 26.9 | 29.5 | 37.1 |
| Bunyu Mix | 30.2 | 27.8 | 27.1 | 18.0 | 36.3 |
| BRK | 27.5 | 26.3 | 27.0 | 29.2 | 37.2 |

Source: Pertamina